Clean Copy of Allowed Claims

1.   An information delivering system for delivering information through a communication network, said information delivering system comprising:

a content generation means for generating three-dimensional content for presentation;

an information delivering server configured to deliver said three-dimensional content to a client terminal; and

said client terminal configured to receive and display said three-dimensional content, wherein said client terminal includes a content receiving means, a skinning data calculation means and a reproduction means;

wherein said three-dimensional content is generated by said content generation means by creating a three-dimensional virtual space as projected onto a plane and arranging objects indicative of said information within said three-dimensional space,

said content generation means generates said three-dimensional content separately as a skin component which deforms with motion and a bone component which does not deform with motion,

said information delivering server transmits an initial skin component and an initial bone component and a subsequent bone component to said content receiving means,

said skinning data calculation means determines a subsequent skin component based on the subsequent bone component; and

said reproduction means renders said three-dimensional content by rendering said initial skin component and said initial bone component and said subsequent skin component and said subsequent bone component.

2.   The information delivering system as in claim 1 wherein a position of said object(s) is associated with said information.

3.   The information delivering system as in claim 1 wherein said object(s) is a polyhedron each of whose facets is used to display a unit of said information in order that the respective units of said information are shown by turning said polyhedron.

4.   The information delivering system as in claim 1 wherein a position of said object(s) provides a hierarchical representation of said information.

5.   The information delivering system as in claim 1 further comprising:

a content transfer means which is configured to store said three-dimensional content as generated in said information delivering server.

6.   The information delivering system as in claim 1 further comprising:

a property information storage device which is configured to store property information of said three-dimensional content;

a skeleton storage device which is configured to store content of invariable components among said three-dimensional content;

a parameter storage device which is configured to store parameters which are externally designated;

a property information management means which is configured to control management of said property information stored in said property information storage device;

a skeleton registration means which is configured to store said content of invariable components in said skeleton storage device;

a parameter setting means which is configured to setup said parameters;

a parameter registration means which is configured to register said parameters in said parameter storage device; and

a content providing means which is configured to provide said three-dimensional content for customers with reference to said skeleton storage device and said parameter storage device.

7.   The information delivering system as in claim 1 wherein said client terminal further comprises an interpolation means and wherein,

when said information delivering server transmits three-dimensional content including a start position and an end position of a moving object and a time as designated for moving from said start position to said end position, said interpolation means performs interpolation of images of said moving object by defining a plurality of frames with a predetermined time interval between said start position and said end position and dividing a distance between said start position and said end position by a number of said frames during the reproduction of said three-dimensional content.

8.   Cancelled.

9. The information delivering system as in claim 1 wherein said client terminal further comprises an external file combination means which is configured to combine an external file as stored in said client terminal when said information delivering server transmits three-dimensional content including a request for a linkage to said external file.

10. The information delivering system as in claim 1 wherein said three-dimensional content, is composed of a plurality of project files and wherein said information delivering server further comprises a download management means which is configured to transmit the project file corresponding to a scene as requested from said client terminal for reproducing the scene.

11. Cancelled.

12. Cancelled.

13. Cancelled.

14. Cancelled.

15. Cancelled.

16. Cancelled.

17.   Cancelled.

18.   Cancelled.

19.   Cancelled.

20.   Cancelled.